

Nonconformance report

NCR-No.
200351428

Material No. VOLS:10257500	Ver AD	Material Description Fire Containment, Assy		
Program PW1900G Embraer Firewall		Design Organization Drawing & issue D:5379947-AA	Total quantity 1	Order No
Coordinator Ann Charlott Linusson	Supplier code	Design Organization Part number & version D:5379947-AA	Reference No. 2023-166	

Decisions

Item	Serial number / batch	Item decision
1	44DAC02083	
2	44DAC02083	
4	44DAC02083	
5	44DAC02083	
6	44DAC02083	
7	44DAC02083	
8	44DAC02083	
9	44DAC02083	
10	44DAC02083	
11	44DAC02083	
12	44DAC02083	
13	44DAC02083	
14	44DAC02083	
15	44DAC02083	

Quality Digitally signed by: Date:	GKN Design Digitally signed by: Date:
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Coordinator Ann Charlott Linusson	Design Organization Part number & version D:5379947-AA	Order No Reference No. 2023-166

Item No. 1

Defect Class	Pieces affected 1	Defect type Circularity (roundness)	Charact.No 03060
Requirement Location PAGE-03 Zone E15			
Serial numbers affected 44DAC02083,			
Description of Nonconformance Circularity 0.05 is 0.06 or 0.01 out of tolerance. See attached 44DAC02083 support pack for details.			
Cause of Nonconformance For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.			

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Item No. 2

Defect Class	Pieces affected 1	Defect type Position	Charact.No 04118
Requirement Location PAGE-04 Zone K3			
Serial numbers affected			
44DAC02083,			
Description of Nonconformance			
True Position 0.1 A B C is 0.104 or 0.004 out of tolerance Please see attached 44DAC02083 support pack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
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Item No. 4

Defect Class	Pieces affected 1	Defect type Position	Charact.No 08008
Requirement Location PAGE-08 Zone F3			
Serial numbers affected			
44DAC02083,			
Description of Nonconformance			
4 pos True Position 0.25 A B C is 0.587 or 0.337 out of tolerance Please see attached 44DAC02083 support packfor details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurance of this Nonconformance)		Planned finish: 2022-03-11	
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Item No. 5

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 08028
Requirement Location PAGE-08 Zone G3			

Serial numbers affected
44DAC02083,

Description of Nonconformance
Surface profile up to 0.25 [0.010"] ABC is 0.28 mm (MAX -0.04 to MIN -0.14) or 0.03 out of tolerance. Please see attached 44DAC02083 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
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Item No. 6

Defect Class	Pieces affected 1	Defect type Thickness	Charact.No 09003
Requirement Location PAGE-09 Zone B14			
Serial numbers affected			
44DAC02083,			
Description of Nonconformance			
Thickness 1.2 +/- 0.1mm is 1.33 or 0.03 over tolerance. Please see attached 44DAC02083 support pack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
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Item No. 7

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10003
Requirement Location PAGE-10 Zone K11			
Serial numbers affected			
44DAC02083,			
Description of Nonconformance			
Profile of a surface 0.36 A B C is 0.506 (Min - 0.078 to Max 0.253) or 0.146 out of tolerance Please see attached 44DAC02083 support pack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
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Item No. 8

Defect Class	Pieces affected 1	Defect type Position	Charact.No 10033
Requirement Location PAGE-10 Zone C11			
Serial numbers affected			
44DAC02083,			
Description of Nonconformance			
12 pos True Position 0.25 A B C is 0.695 or 0.445 out of tolerance Please see attached 44DAC02083 support pack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
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Item No. 9

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10035
Requirement Location PAGE-10 Zone B3			

Serial numbers affected
44DAC02083,

Description of Nonconformance
<p>8 Pos Profile of a surface 0.10 A B C is 0.040 (+0.01 to -0.02) or 0.00 out of tolerance. 0.030 (+0.02 to -0.00) or 0.00 out of tolerance. 0.200 (+0.09 to -0.10) or 0.100 out of tolerance. 0.220 (+0.11 to -0.11) or 0.120 out of tolerance. 0.220 (+0.11 to -0.11) or 0.120 out of tolerance. 0.240 (+0.12 to -0.11) or 0.140 out of tolerance. 0.340 (+0.17 to -0.17) or 0.240 out of tolerance. 0.370 (+0.18 to -0.19) or 0.270 out of tolerance. Plasesee attached 44DAC02083 support pack for details.</p>

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
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Item No. 10

Defect Class	Pieces affected 1	Defect type Position	Charact.No 10039
Requirement Location PAGE-10 Zone D12			
Serial numbers affected			
44DAC02083,			
Description of Nonconformance			
23 Pos True Position 0.25 A B C is 0.469 or 0.219 out of tolerance Please see attached 44DAC02083 support pack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
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Item No. 11

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10042
Requirement Location PAGE-10 Zone K11			

Serial numbers affected
44DAC02083,

Description of Nonconformance
Profile of a surface 0.13 A is 0.197 (Max 0.098 to Min -0.098) or 0.067 out of tolerance Please see attached 44DAC02083 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
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Item No. 12

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 10052
Requirement Location PAGE-10 Zone K9			

Serial numbers affected
44DAC02083,

Description of Nonconformance
<p>4 Pos Profile of a surface 0.10 A B C is 0.560 (+0.26 to -0.28) or 0.460 out of tolerance. 0.530 (+0.26 to -0.27) or 0.430 out of tolerance. 0.130 (+0.01 to -0.06) or 0.030 out of tolerance. 0.080 (+0.00 to -0.04) or 0.000out of tolerance. Please see attached 44DAC02083 support pack for details.</p>

Cause of Nonconformance
<p>For detail Root cause Analysis please refer to 8D investigation #RCA200328488.</p>

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
<p>For detail corrective action / preventative action please refer to 8D investigation #RCA200328488.</p>	

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Item No. 13

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 11024
Requirement Location PAGE-11 Zone K9			

Serial numbers affected
44DAC02083,

Description of Nonconformance
Profile of a surface 0.50 A B C is 0.647 (Max 0.126 to Min -0.323) or 0.147 out of tolerance Please see attached 44DAC02083 support pack for details.

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

Corrective Action (to avoid re-occurrence of this Nonconformance)	Planned finish: 2022-03-11
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Item No. 14

Defect Class	Pieces affected 1	Defect type Profile of a surface	Charact.No 11025
Requirement Location PAGE-11 Zone G9			
Serial numbers affected			
44DAC02083,			
Description of Nonconformance			
Profile of a surface 0.50 A B C is 0.538 (Max 0.269 to Min -0.055) or 0.038 out of tolerance Please see attached 44DAC02083 support pack for details.			
Cause of Nonconformance			
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.			
Corrective Action (to avoid re-occurrence of this Nonconformance)		Planned finish: 2022-03-11	
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Item No. 15

Defect Class	Pieces affected 1	Defect type Flatness	Charact.No 00010
Requirement Location PAGE-01 Zone L15			

Serial numbers affected
44DAC02083,

Description of Nonconformance
All Tolerances apply when measured in restrained condition. With Diam B restrained within 0.05 [0.002] and surface A held to 0.05 [0.002]. Flatness Measured at 0.35mm or 0.30 out of tolerance Please see attached 44DAC02083support pack for further details

Cause of Nonconformance
For detail Root cause Analysis please refer to 8D investigation #RCA200328488.

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